

		Plant height (cm)	Moisture (%)	DM yield (lb/acre)	Brix (%)		
					Head	Leaf + stem	Mean
Oat Variety x Nutrient Interaction							
CDC SO-I	Check	99.5	64.1	6850	15.0	7.2	11.1
CDC SO-I	GSR Ca	101.4	65.2	6869	15.3	7.2	11.3
CDC SO-I	Best TM Ag.	97.0	64.0	6622	15.3	9.3	12.3
CDC SO-I	Best FF	100.3	66.8	7731	15.3	7.2	11.3
CDC SO-I	Best Seed Germ	109.5	65.2	7347	16.0	7.0	11.5
Athabasca	Check	103.0	62.6	6324	16.3	8.5	12.4
Athabasca	GSR Ca	109.6	65.5	7772	17.7	7.5	12.6
Athabasca	Best TM Ag.	115.1	66.8	7575	17.3	8.5	12.9
Athabasca	Best FF	105.4	66.1	7118	15.5	7.8	11.7
Athabasca	Best Seed Germ	118.3	65.9	7760	15.5	8.3	11.9
Significance		*	NS	NS	NS	*	NS
Oat Variety (Mean)							
CDC SO-I		101.5	65.1	6938	13.4	7.6	11.4
Athabasca		110	65.4	7310	16.5	8.1	12.3
Significance		***	NS	NS	**	NS	*
Nutrient (Mean)							
Check		101.3	63.5	6223	15.7	7.8	11.8
GSR Ca		105.5	65.4	7321	16.3	7.8	11.9
Best TM Ag.		106	65.4	7099	15.4	8.6	12.6
Best FF		102.8	66.5	7425	16.5	7.3	11.5
Best Seed Germ		113.9	65.6	7554	15.8	7.7	11.7
Significance		***	*	NS	NS	NS	NS
Coefficient of Variation, %		4.11	5.89	13.6	6.72	12.3	6.12

Table 1. Effect on Plant height, moisture content, DM (Dry Matter) yield and brix level on two oat varieties (CDC SO-I and Athabasca) treated to additional nutrients using the Best Farming System products – TM Agricultural, Foliar Fertilizer and Seed Germination.